

**METHOD AND SYSTEM FOR OBTAINING DATA THROUGH AN IP
TRANSMISSION NETWORK BY USING AN OPTIMIZED DOMAIN NAME SERVER**

Abstract

5 Data transmission system comprising at least a data
transmission network based upon an IP protocol, at least a
content server for providing data requested by a user connected
to the network, a plurality of proxies having a cache function,
each proxy capable of having stored the requested data and one
10 of the proxies being a user proxy to which is addressed the
request sent by the user, and a domain name server for
converting a server name provided by the user to the user proxy
into an IP address of the content server. The domain name
server includes table means for providing an IP address of a
15 proxy amongst the proxies capable of having stored the
requested data, the table means providing the proxy IP address
to the user proxy whereby the requested data can be provided to
the user by the proxy storing the requested data without
requesting the data from the content server.